

Mass properties of Part2 (Part Configuration - Default)

Output coordinate System: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 24.57 grams

Volume = 24571.00 cubic millimeters

Surface area = 17932.50 millimeters²

Center of mass: (millimeters)

X = 18.76

Y = 0.00

Z = 4.72

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

Taken at the center of mass.

Ix = (0.95, 0.00, -0.30)

Px = 6087.37

Iy = (0.00, 1.00, 0.00)

Py = 14007.53

Iz = (0.30, 0.00, 0.95)

Pz = 15646.48

Moments of inertia: (grams * square millimeters)

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 6933.72

Lxy = -0.00

Lxz = -2715.52

Lyx = -0.00

Lyx = -0.00

Lyy = 14007.53

Lyz = 0.00

Lzx = -2715.52

Lzy = 0.00

Lzz = 14800.13

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

Ixx = 7481.94

Ixy = 0.00

Ixz = -538.33

Iyx = 0.00

Iyy = 23202.22

Iyz = 0.00

Izx = -538.33

Izy = 0.00

Izz = 23446.59